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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/714,234	11/17/2000	Minoru Yamamoto	1095.1144/JDH	4192
21171	7590	09/29/2004	EXAMINER	
STAAS & HALSEY LLP SUITE 700 1201 NEW YORK AVENUE, N.W. WASHINGTON, DC 20005			KIANERSI, MITRA	
			ART UNIT	PAPER NUMBER
			2143	

DATE MAILED: 09/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/714,234

Applicant(s)

YAMAMOTO

Examiner

mitra kianersi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 21 June 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 November 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **Response to Arguments**

Applicant's argument filed on June 21/2004 has been fully considered, but they are not persuasive.

Applicant on page 2, line 22, argues that Rode does not support an anticipatory type rejection because it does not describe features recited in the present application's independent claims. Affixing means for affixing confirmation for confirming display status not described by Rode. Rode in paragraph [0069] discloses a data is saved on the server. An optional message, or messages is/are displayed while the data is saved. In this example, "Saving data . . ." is displayed in a dialog box and in the browser status line until the data has been successfully saved. See FIG. 3. Also Rode in [0070] discloses that after the data is saved, a new page is displayed (in the preferred embodiment, this page is displayed/opened in a separate window) indicating that "Processing... " is taking place, accompanied by updated account information (in a "cookie") and an implicit ("refresh") request to direct the Client-User application to fetch a new page. See FIG. 4B and FIG. 0A, step 5.

Applicant on page 3, line 12, argues that Rode does not teach a storing means for storing confirmation information. Rode on [0036] Systems, methods and computer media instructions are disclosed that enable the storage or caching of server account information on a client by clients that have a mechanism for the storage and modification of named or enumerated server data. An example of such an application and mechanism would be a web browser with the ability to store "cookies". Another example might be a web browser with the ability to install public-key encryption certificates (or both cookies and certificates). A less common example might be a graphical browser coupled with a second application that can save data at server instigation, such as an FTP server. The account information is used to limit user access to server resources. Storing account information on the client implies it need not be stored on the server (or, in some cases, that a smaller "auditing" database be used), thereby conserving server resources and scaling more easily to a multi-server system.

Applicant on page 3, line 12, argues that Rode does not teach confirmation information for confirming display status of the client side is transmitted to the client that made the request. Rode on [0051] discloses a single client is at first in communication with a primary server that validates the requested operation against Client-User account information and forwards successful requests to a computation server. This computation server is responsible for formatting results for use in the Client-User application, but not for checking the account information.

Applicant on page 3, line 20, argues that Rode does not teach an extracting means response to a request made again from the client. Rode on [0062] discloses an example client user interface demonstrating the disclosed methods in the simplest case (Single Server, FIG. 0A) and using an HTTP and Java-compatible web browser is attached in the drawings (FIG. 1-5) and described below. The user interface happens to be that of a PCB impedance extractor, but the particulars of the computation to be performed and the user interface are irrelevant. The user interface appears essentially the same for all four illustrated embodiments (FIG. 0a-0d), although the underlying methods vary.

Applicant on page 3, line 20, argues that Rode does not teach withholding means for withholding a process performed by the said processing means in compliance with the request if it is judged by said determining means that the two sets of confirmation information do not coincide. Rode on [0091] discloses in the illustrated example, the original implementation consisted of two different Servers. The primary server was running just a web server, the other was running a web server plus a field extraction CAD package. The Primary Server performed account management with the computationally intensive field extraction performed on the second server. The information was packaged by the Primary Server into a form and submitted via an HTTP POST mechanism to a CGI script running on the second (computation) Server. That second server script converted the form data into a batch job for the CAD package and returned (formatted) results to the Primary (web) Server. Additionally, because the second Server could only perform one extraction at a

time, the Primary Server contained methods that used semaphores to sequentially process a multiplicity of simultaneous, independent Client-User requests. 4,5 [0093] In embodiment 0C, Client-User data is forwarded to one-of-N computation servers chosen by possibly similar means and possibly similar mechanisms as in 0B, but then the Client-User application is forwarded to retrieve results directly from the selection computation server. This requires that each computation server have methods for communicating with the Client (e.g. must be a web server), and must have methods to reformat computation results for display on Client. An additional method not present in 0A or 0B must exist; a match between the Client-User account information and the data that was separately forwarded from the Primary Server and stored on the selected Computation Server authenticates the Client to the Computation Server. Rode also on [0086] discloses that the Client-User application acts upon the redirection request and fetches the named page (getresults.pl). The request is normally accompanied by updated account information from the previous step. If a results file already exists that corresponds to the updated account information, that results file is processed into a form suitable for display to the Client-User. Because the arguments with respect to the allowableness of independent claims were found unpersuasive, these same arguments are not persuasive with respect to the other dependent claims.

Claims 1-5 have been examined.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States

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only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Rode (US 2002/0007409).

1. A server for performing a process in compliance with a request from a client, comprising:
  - receiving means for receiving a request from a client; (corresponds to the (simplified) normal sequence is request operation,[0061])
  - processing means for performing a process in compliance with the request received by said receiving means; (update account cookie as if operation had been completed,[0061])
  - affixing means for affixing confirmation information for confirming display status of the client side to a result of process performed. by said processing means; redirect browser to new URL (which causes retransmission of cookie), [0061])
  - storing means for storing the confirmation information affixed by said affixing means; (store information about Client-User use of Server resources on the Client (in Client Storage) so to be accessible to a single or multiplicity of Servers without requiring a central database. [0040])
  - transmitting means for transmitting the result of process having the confirmation information affixed thereto by said affixing means to the client which has made the request; (a new account cookie is created and transmitted in an HTTP header along with a location,[0079])
  - extracting means, responsive to a request made again from the client, for extracting the confirmation information included in the request; compare newly updated cookie against account and staleness limits, if OK, process operation.[0061])
  - determining means for determining whether or not the confirmation information extracted by said extracting means coincides with the confirmation information stored in said storing means; (It is possible that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure

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withholding means for withholding a process performed by the said processing means in compliance with request from a client, wherein program causes a computer to function as receiving means for receiving a request from a client, It is possible that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure. [0061])

-processing means for performing a process in compliance with the request received by the receiving means, update account cookie as if operation had been completed,

-affixing means affixing confirmation information for confirming display status of the client side to a result of process performed by the processing means, redirect browser to new URL (which causes retransmission of cookie)[0061])

-storing means for storing the confirmation information affixed by the affixing means, (store information about Client-User use of Server resources on the Client (in Client Storage) so to be accessible to a single or multiplicity of Servers without requiring a central database. [0040])

-transmitting means for transmitting the result of process having the confirmation information affixed thereto by the affixing means to the client which has made the request,(a new account cookie is created and transmitted in an HTTP header along with a location, [0079])

extracting means, responsive to a request made again from the client, for extracting the confirmation information included in the request, compare newly updated cookie against account and staleness limits, 5) if OK, process operation.

determining means for determining whether or not the confirmation information extracted by the extracting means coincides with the confirmation information stored in the storing means. (It is possible that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure. [0061])

-withholding means for withholding a process performed by the processing means in compliance with the request if it is judged by the determining means that the two sets of confirmation information do not coincide.

the request if it is judged by said determining means that the two sets of confirmation information do not coincide. (It is possible that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure. [0061])

2. The server further comprising error message transmitting means for transmitting a message-notifying occurrence of error to the client when the process is withheld by said withholding means. (corresponds to when a result file is not present, and the account information is missing, invalid or stale (bad timestamp) the operation is not performed and an optional error message is returned. [0088], [0061], [0049] and [0072])

3. The server further comprising specified page information transmitting means for transmitting information about a pre-specified page to the client when the process is withheld by said withholding means. (corresponds to If a results file is not present, and the account information is missing, invalid or stale (bad timestamp) the operation is not performed and an optional error message is returned. If the account information is otherwise valid but indicates the user has exceeded their account limits, an overuse page is returned. [0088], [0049] and [0072])

4. The server further comprising identification code affixing means for affixing a predetermined identification code to the result of process performed by said processing means when a request for a predefined group of pages is received by said receiving means, and suspending means for suspending operation of said withholding means when a request is again made from the client and also if the request made is affixed with the identification code. (corresponds to preventing the same cookie from being resubmitted, a timestamp is encoded in the cookie data that will expire within a few seconds of when the cookie is first sent to the browser (the few second limit is to allow for network congestion and possible user interaction in accepting the cookie). The (simplified) normal sequence is request operation, update account cookie as if operation had been completed, redirect browser to new URL (which causes retransmission of



cookie), compare newly updated cookie against account and staleness limits, if OK, process operation. It is possible that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure. Though this feature is not implemented in the attached listings, what is required is to simply decrement "usage" and send the adjusted cookie along with the failure notification page. [0061])

5. A computer-readable recording medium storing a program for performing a process in compliance with a request from a client, wherein the program causes a computer to function as receiving means for receiving a request from a client, (corresponds to the (simplified) normal sequence is request operation, [0061])
  - processing means for performing a process in compliance with the request received by the receiving means, update account cookie as if operation had been completed,[0061])
  - affixing means for affixing confirmation information for confirming display status of the client side to a result of process performed by the processing means, redirect browser to new URL (which causes retransmission of cookie), [0061])
  - storing means for storing the confirmation information affixed by the affixing means, (store information about Client-User use of Server resources on the Client (in Client Storage) so to be accessible to a single or multiplicity of Servers without requiring a central database. [0040])
  - transmitting means for transmitting the result of process having the confirmation information affixed thereto by the affixing means to the client which has made the request, (corresponds to when a new account cookie is created and transmitted in an HTTP header along with a location, [0079])
  - extracting means, responsive to a request made again from the client, for extracting the confirmation information included in the request, (It is possible that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure. [0061])
  - determining means for determining whether or not the confirmation information extracted by the extracting means coincides with the confirmation information stored in

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the storing means, (corresponds to the possibility that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure withholding means for withholding a process performed by the said processing means in compliance with request from a client, wherein program causes a computer to function as receiving means for receiving a request from a client, It is possible that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure. [0061])

-withholding means for withholding a process performed by the processing means in compliance with the request if it is judged by the determining means that the two sets of confirmation information do not coincide. (It is possible that the operation could fail through no fault of the user, and in such case the account information could be credited to reflect such failure. [0061])

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

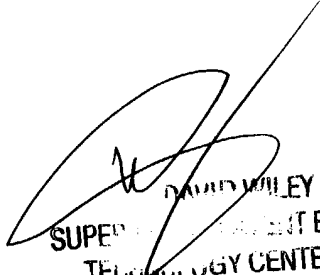
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mitra Kianersi whose telephone number is (703) 305-4650. The examiner can normally be reached on 7:00AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (703) 308-5221. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mitra Kianersi

Sep/17/2004

  
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